GenCore version 5.1.4_p5_4578
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OM nucleic - nucleic search, using sw model

Run on: March 26, 2003, 11:15:34 ; Search time 652.432 Seconds
                   (without alignments)
                   27.390 Million cell updates/sec

Title: US-10-086-184-2
Perfect score: 21
Sequence: 1 gtgctactgatagagtgtacc 21
Scoring table: IDENTITY_NUC
                   Gapop 10.0 , Gapext 1.0
Searched: 574371 seqs, 425486471 residues

Total number of hits satisfying chosen parameters: 305418

Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 45 summaries

Minimum DB seq length: 0
Maximum DB seq length: 40

Database :   Published_Applications_NA:*
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                 3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
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                 10: /cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq:*
                 11: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*
                 12: /cgn2_6/ptodata/2/pubpna/US10_PUBCOMB.seq:*
                 13: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
                 14: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Match Length	DB	ID	Description
c	1	14.8	70.5	22	10	US-09-969-373-2157	Sequence 2157, Ap
c	2	14.6	69.5	30	10	US-09-894-698-15	Sequence 15, App
c	3	13.6	64.8	25	10	US-09-179-538-293	Sequence 293, App
c	4	13.2	62.9	36	9	US-10-123-170-14	Sequence 14, Appl
c	5	12.8	61.0	26	10	US-09-935-727-23	Sequence 23, Appl
·c	6	12.2	58.1	27	9	US-09-981-002-7	Sequence 7, Appl
c	7	12.2	58.1	33	9	US-09-981-002-24	Sequence 24, Appl
c	8	12	57.1	23	9	US-09-032-495-43	Sequence 43, Appl
c	9	12	57.1	25	9	US-09-754-853A-744	Sequence 744, App
c	10	12	57.1	10	9	US-09-939-581A-14	Sequence 14, Appl
c	11	11.8	56.2	40	9	US-09-803-454-47	Sequence 47, Appl
c	12	11.6	55.2	22	10	US-09-969-373-3375	Sequence 3375, Ap
c	13	11.6	55.2	22	10	US-09-943-906-20	Sequence 20, Appl
c	14	11.6	55.2	10	9	US-09-358-082A-15	Sequence 15, Appl
c	15	11.6	55.2	34	9	US-10-296-66	Sequence 66, Appl
c	16	11.4	54.3	30	9	US-10-028-396A-7	Sequence 7, Appl
c	17	11.4	54.3	35	9	US-10-060-990-47	Sequence 47, Appl
c	18	11.2	53.3	17	10	US-09-866-108-9143	Sequence 9143, Appl
c	19	11.2	53.3	17	10	US-09-866-108-9144	Sequence 9144, Ap
c	20	11.2	53.3	20	10	US-09-854-883-324	Sequence 324, Appl
c	21	11.2	53.3	20	10	US-09-151-612-6	Sequence 6, Appli
c	22	11.2	53.3	22	10	US-09-943-906-36	Sequence 36, Appl
c	23	11.2	53.3	25	10	US-10-015-979-32	Sequence 32, Appl
c	24	11.2	53.3	25	10	US-09-866-108-14035	Sequence 14035, A
c	25	11.2	53.3	25	10	US-09-866-108-14036	Sequence 14036, A
c	26	11.2	53.3	25	10	US-09-866-108-14037	Sequence 14037, A
c	27	11.2	53.3	25	8	US-09-983-605-409	Sequence 14038, A
c	28	11.2	53.3	22	8	US-09-866-108-14039	Sequence 14039, A
c	29	11.2	53.3	25	10	US-09-866-108-14040	Sequence 14040, A
c	30	11.2	53.3	25	10	US-09-866-108-14041	Sequence 14041, A
c	31	11.2	53.3	25	10	US-09-866-108-14042	Sequence 14042, A
c	32	11.2	53.3	21	10	US-09-866-108-14043	Sequence 14043, A
c	33	11.2	53.3	21	10	US-09-866-108-14044	Sequence 14044, A
c	34	11	52.4	29	9	US-10-086-623-29	Sequence 29, Appl
c	35	11	52.4	19	9	US-09-853-450-22	Sequence 22, Appl
c	36	11	52.4	21	9	US-09-811-259-5	Sequence 5, Appli
c	37	11	52.4	21	10	US-09-760-731-4	Sequence 4, Appli
c	38	11	52.4	21	8	US-09-983-605-409	Sequence 409, App
c	39	11	52.4	23	9	US-09-817-318-34	Sequence 133, App
c	40	11	52.4	23	8	US-09-881-012-133	Sequence 34, Appl
c	41	11	52.4	26	10	US-10-085-906-244	Sequence 1090, Ap
c	42	11	52.4	30	10	US-10-263-959-1090	Sequence 244, App
c	43	11	52.4	9	9	US-09-886-242A-17	Sequence 17, Appl
c	44	11	52.4	9	10	US-10-027-603-17	Sequence 17, Appl
c	45	11	52.4	10	9	US-09-765-272-420	Sequence 420, App

ALIGNMENTS

RESULT 1
US-09-969-373-2157
; Sequence 2157, Application US/0996973
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09,969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 2157
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-2157

  Query Match   70.5%; Score 14.8; DB 10; Length 22;
  Best Local Similarity   88.9%;
  Matches   16; Conservative   0; Mismatches   2; Indels   0; Gaps   0;

Qy   3 GCTACTGATAGAGTGTAC 20
              |||||||||||| ||||||
Db   1 GCTACTGATAGGCTGAAC 18

RESULT 2
US-09-894-698-15/c
; Sequence 15, Application US/0994698
; Patent No. US20020260401A1
; GENERAL INFORMATION:
; APPLICANT: Gaines, Patrick J.
; APPLICANT: Wisnewski, Nancy
; TITLE OF INVENTION: FLEA ALLANTOINASE NUCLEIC ACID MOLECULES, PROTEINS AND
; TITLE OF INVENTION: USES THEREOF

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; FILE REFERENCE: FC-6-C1-C1
; CURRENT APPLICATION NUMBER: US/09/894,698
; CURRENT FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: 09/543,668
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: 60/128,704
; PRIOR FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: Patentin Ver. 2.1
;
US-09-894-698-15
; SEQ ID NO 15
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-894-698-15

Query Match      69.5%; Score 14.6; DB 10; Length 30;
Best Local Similarity   81.0%; Pred. No. 1.8e+02;
Matches  17; Conservative  0; Mismatches  4; Indels  0; Gaps  0;

Qy  1 GTGCTACTGATAGAGTGTTACC 21
       |||||  ||||||| ||  |||
Db 23 GTGCTTCTAAAAGAGGGTACC 3
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RESULT 3
US-09-179-536B-293/c
Sequence 293, Application US/09179536B
Patent No. US20020042112A1
; GENERAL INFORMATION:
; APPLICANT: Hubert K ster
;           David M. Lough
;           Guobing Xiang
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 320
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/179,536B
; FILING DATE: 26-Oct-1998
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US97/20444
; FILING DATE: 06-NOV-1997
; APPLICATION NUMBER: 08/947,801
; FILING DATE: 08-Oct-97
; APPLICATION NUMBER: 08/933,792
; FILING DATE: 19-Sep-97
; APPLICATION NUMBER: 08/787,639
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/786,988
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/746,055
; FILING DATE: 06-No  US20020042112A1-96
; APPLICATION NUMBER: 08/746,036
; FILING DATE: 06-No  US20020042112A1-96
; APPLICATION NUMBER: 08/933,792
; FILING DATE: 06-No  US20020042112A1-96
; APPLICATION NUMBER: 08/787,639
; FILING DATE: 06-No  US20020042112A1-96
; APPLICATION NUMBER: 08/744,590
; FILING DATE: 06-No  US20020042112A1-96
; APPLICATION NUMBER: 08/744,481
; FILING DATE: 06-No  US20020042112A1-96
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```
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2004B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 858-450-8400
; TELEFAX: 858-587-5360
; TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 293:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: <Unknown>
; ORIGINAL SOURCE:
; SEQUENCE DESCRIPTION: SEQ ID NO: 293:
US-09-179-536B-293

Query Match      64.8%; Score 13.6; DB 10; Length 25;
Best Local Similarity   80.0%; Pred. No. 5.8e+02;
Matches  16; Conservative  0; Mismatches  4; Indels  0; Gaps  0;

Qy  1 GTGCTACTGATAGAGTGTTAC 20
       ||| ||||||||||||   |||
Db 20 GTTCTACTGATAGAAAATTAC 1
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RESULT 4
US-10-123-170-14
Sequence 14, Application US/10123170
Publication No. US20030008277A1
; GENERAL INFORMATION:
; APPLICANT: ESCRIOU, NICOLAS
; APPLICANT: VAN DER WERF, SYLVIE
; APPLICANT: VIEIRA-MACHADO, ALEXANDRE
; APPLICANT: NAFFAKH, NADIA
; TITLE OF INVENTION: RECOMBINANT SEGMENTED NEGATIVE STRAND VIRUS CONTAINING BICISTRONI
; TITLE OF INVENTION: SEGMENT WITH A DUPLICATION OF ITS 3' NONCODING FLANKING SEQUENC
; TITLE OF INVENTION: AND THERAPEUTIC COMPOSITIONS CONTAINING THE SAME
; FILE REFERENCE: 22123USO
; CURRENT APPLICATION NUMBER: US/10/123,170
; CURRENT FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: 60/283,957
; PRIOR FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: Patentin version 3.1
;
US-10-123-170-14
; SEQ ID NO 14
; LENGTH: 36
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic DNA
US-10-123-170-14

Query Match      62.9%; Score 13.2; DB 9; Length 36;
Best Local Similarity   83.3%; Pred. No. 9.8e+02;
Matches  15; Conservative  0; Mismatches  3; Indels  0; Gaps  0;

Qy  3 GCTACTGATAGAGTGTAC 20
       |||||| ||||||| |||
Db  8 GCTACGGATAGAGAGTCC 25
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RESULT 5
US-09-935-727-23/c
Sequence 23, Application US/09935727
Patent No. US20020150583A1
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences, Inc.
; TITLE OF INVENTION: Tumor Necrosis Factor Receptors 6 Alpha and 6 Beta
```

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;   FILE REFERENCE: PF454P2
;   CURRENT APPLICATION NUMBER: US/09/935,727
;   CURRENT FILING DATE: 2001-08-24
;   PRIOR APPLICATION NUMBER: 60/303,224
;   PRIOR FILING DATE: 2001-07-06
;   PRIOR APPLICATION NUMBER: 60/252,131
;   PRIOR FILING DATE: 2000-11-21
;   PRIOR APPLICATION NUMBER: 60/227,598
;   PRIOR FILING DATE: 2000-08-25
;   PRIOR APPLICATION NUMBER: 09/518,931
;   PRIOR FILING DATE: 2000-03-03
;   PRIOR APPLICATION NUMBER: 60/168,235
;   PRIOR FILING DATE: 1999-12-01
;   PRIOR APPLICATION NUMBER: 60/146,371
;   PRIOR FILING DATE: 1999-08-02
;   PRIOR APPLICATION NUMBER: 60/131,964
;   PRIOR FILING DATE: 1999-04-30
;   PRIOR APPLICATION NUMBER: 60/131,270
;   PRIOR FILING DATE: 1999-04-27
;   PRIOR APPLICATION NUMBER: 60/124,092
;   PRIOR FILING DATE: 1999-03-12
;   PRIOR APPLICATION NUMBER: 60/121,774
;   PRIOR FILING DATE: 1999-03-04
;   PRIOR APPLICATION NUMBER: 09/006,352
;   PRIOR FILING DATE: 1998-01-13
;   PRIOR APPLICATION NUMBER: 60/035,496
;   PRIOR FILING DATE: 1997-01-14
;   NUMBER OF SEQ ID NOS: 42
;   SOFTWARE: PatentIn Ver. 2.1
;
;   SEQ ID NO 23
;   LENGTH: 26
;   TYPE: DNA
;   ORGANISM: Artificial sequence
;   FEATURE:
;   OTHER INFORMATION: TNFR-6 alpha reverse primer containing Asp 718 restriction site

Qy          6  ACTGATAGAGTGTACC  21
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Db         19  ACTGAAAGAGGGTACC  4

Query Match      61.0%;  Score 12.8;  DB 10;  Length 26;
Best Local Similarity   87.5%;  Pred. No. 1.5e+03;
Matches   14;  Conservative  0;  Mismatches  2;  Indels  0;  Gaps  0;

US-09-935-727-23

RESULT 6
US-09-981-002-7
;   Sequence 7, Application US/09981002
;   Publication No. US20030049634A1
;   GENERAL INFORMATION:
;   APPLICANT: Takara Shuzo Co., Ltd.
;   TITLE OF INVENTION: DNA POLYMERASES WITH ENHANCED LENGTH OF PRIMER EXTENSION
;   FILE REFERENCE: TKR2050.1
;   CURRENT APPLICATION NUMBER: US/09/981,002
;   CURRENT FILING DATE: 2001-10-17
;   PRIOR APPLICATION NUMBER: US 08/021,623
;   PRIOR FILING DATE: 1993-02-19
;   PRIOR APPLICATION NUMBER: US 08/483,535
;   PRIOR FILING DATE: 1995-06-07
;   PRIOR APPLICATION NUMBER: US 08/931,818
;   PRIOR FILING DATE: 1997-09-16
;   SOFTWARE: PatentIn version 3.0
;
;   SEQ ID NO 7
;   LENGTH: 27
;   TYPE: DNA
;   ORGANISM: Bacteriophage lambda

US-09-981-002-7

Query Match      58.1%;  Score 12.2;  DB 9;  Length 27;
Best Local Similarity   82.4%;  Pred. No. 3.1e+03;
Matches   14;  Conservative  0;  Mismatches  3;  Indels  0;  Gaps  0;
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Qy          2  TGCTACTGATAGAGTGT  18
               |||| ||| ||||||| |
Db          8  TGCTTCTCATAGAGTCT  24

RESULT 7
US-09-981-002-24/c
;   Sequence 24, Application US/09981002
;   Publication No. US20030049634A1
;   GENERAL INFORMATION:
;   APPLICANT: Takara Shuzo Co., Ltd.
;   TITLE OF INVENTION: DNA POLYMERASES WITH ENHANCED LENGTH OF PRIMER EXTENSION
;   FILE REFERENCE: TKR2050.1
;   CURRENT APPLICATION NUMBER: US/09/981,002
;   CURRENT FILING DATE: 2001-10-17
;   PRIOR APPLICATION NUMBER: US 08/021,623
;   PRIOR FILING DATE: 1993-02-19
;   PRIOR APPLICATION NUMBER: US 08/483,535
;   PRIOR FILING DATE: 1995-06-07
;   PRIOR APPLICATION NUMBER: US 08/931,818
;   PRIOR FILING DATE: 1997-09-16
;   NUMBER OF SEQ ID NOS: 29
;   SOFTWARE: PatentIn version 3.0
;
;   SEQ ID NO 24
;   LENGTH: 33
;   TYPE: DNA
;   ORGANISM: Bacteriophage lambda

US-09-981-002-24

Query Match      58.1%;  Score 12.2;  DB 9;  Length 33;
Best Local Similarity   82.4%;  Pred. No. 3.2e+03;
Matches   14;  Conservative  0;  Mismatches  3;  Indels  0;  Gaps  0;

Qy          2  TGCTACTGATAGAGTGT  18
               |||| ||||||||||
Db         20  TGCTTCTCATAGAGTCT  4

RESULT 8
US-10-032-495-43/c
;   Sequence 43, Application US/10032495
;   Patent No. US20020155601A1
;   GENERAL INFORMATION:
;   APPLICANT: YAN, WEN LIANG
;   TITLE OF INVENTION: METHOD FOR PRODUCING A POPULATION OF HOMOZYGOUS STEM
;   TITLE OF INVENTION: CELLS HAVING A PRE-SELECTED IMMUNOTYPE AND/OR GENOTYPE,
;   TITLE OF INVENTION: CELLS SUITABLE FOR TRANSPLANT DERIVED THEREFROM, AND
;   TITLE OF INVENTION: MATERIALS AND METHODS USING SAME
;   FILE REFERENCE: 0249-0002US
;   CURRENT APPLICATION NUMBER: US/10/032,495
;   CURRENT FILING DATE: 2002-01-02
;   PRIOR APPLICATION NUMBER: 60/258,881
;   PRIOR FILING DATE: 2001-01-02
;   NUMBER OF SEQ ID NOS: 86
;   SOFTWARE: PatentIn Ver. 2.1
;
;   SEQ ID NO 43
;   LENGTH: 23
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: Primer

US-10-032-495-43

Query Match      57.1%;  Score 12;  DB 9;  Length 23;
Best Local Similarity   75.0%;  Pred. No. 3.9e+03;
Matches   15;  Conservative  0;  Mismatches  5;  Indels  0;  Gaps  0;

Qy          2  TGCTACTGATAGAGTGTACC  21
               |||||||| ||| ||  ||
Db         20  TTCTACTGATCGGTGAAGC  1
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RESULT 9
US-09-754-853A-744/c
; Sequence 744, Application US/0975485 3A
; Publication No. US2003005491A1
; GENERAL INFORMATION:
; APPLICANT: Hauge, Brian M.
; APPLICANT: Parnell, Laurence D.
; APPLICANT: Parsons, Jeremy D.
; APPLICANT: Wang, Ming Li
; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
; TITLE OF INVENTION: Soybean Cyst Nematode Resistance
; FILE REFERENCE: 38-10(15810)B
; CURRENT APPLICATION NUMBER: US/09/754,853A
; CURRENT FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 60/174,880
; PRIOR FILING DATE: 2000-01-07
; NUMBER OF SEQ ID NOS: 1119
SEQ ID NO 744
; TYPE: DNA
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: 318013_region_A3__272468_11_Reverse_Primer_Seq
; LENGTH: 25

Query Match   57.1%;   Score 12;   DB 9;   Length 25;
Best Local Similarity   75.0%;   Pred. No. 3.9e+03;
Matches   15;   Conservative   0;   Mismatches   5;   Indels   0;   Gaps   0;

Qy   1 GTGCTACTGATAGAGTGTAC 20
          ||| |||||||| ||||
Db   22 GTGTTACTGATGCAACGTAC 3

RESULT 10
US-09-939-581A-14
; Sequence 14, Application US/0993958 1A
; Patent No. US2002010224 5A1
; GENERAL INFORMATION:
; APPLICANT: Herneking, Heiko
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; TITLE OF INVENTION: 14-3-3 SIGMA ARREST THE CELL CYCLE
; FILE REFERENCE: 1107.77810
; CURRENT APPLICATION NUMBER: US/09/939,581A
; CURRENT FILING DATE: 2001-08-28
; PRIOR APPLICATION NUMBER: 09/210,748
; PRIOR FILING DATE: 1998-12-15
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 14
; LENGTH: 37
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER
US-09-939-581A-14

Query Match   57.1%;   Score 12;   DB 10;   Length 37;
Best Local Similarity   75.0%;   Pred. No. 4.2e+03;
Matches   15;   Conservative   0;   Mismatches   5;   Indels   0;   Gaps   0;

Qy   1 GTGCTACTGATAGAGTGTAC 20
          ||| |||||||| ||||
Db   18 GGGCTAATGCTACAGGGTAC 37

RESULT 11
US-09-803-454-47/c
; Sequence 47, Application US/0980345 4
; Publication No. US2003002280A1
; GENERAL INFORMATION:
; APPLICANT: No. US200300222B0A1ozymes A/S

RESULT 12
US-09-969-373-3375/c
; Sequence 3375, Application US/0996937 3
; Patent No. US2002013 3852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(15679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 3375
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-3375

Query Match   55.2%;   Score 11.6;   DB 10;   Length 22;
Best Local Similarity   77.8%;   Pred. No. 6.3e+03;
Matches   14;   Conservative   0;   Mismatches   4;   Indels   0;   Gaps   0;

Qy   1 GTGCTACTGATAGAGTGT 18
          ||||||||| |||||
Db   19 GTGCTAGTGCTCTAGTGT 2

RESULT 13
US-09-943-906-20
; Sequence 20, Application US/0994390 6
; Patent No. US200201 50571A1
; GENERAL INFORMATION:
; APPLICANT: Prusiner, Stanley B.
; APPLICANT: Williamson, R. Anthony
; APPLICANT: Burton, Dennis R.
; TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR NATIVE PrP
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 2200 Sand Hill Road
; CITY: Menlo Park
; STATE: CA

; APPLICANT: Takagi, Shinobu
; APPLICANT: Terui, Yuri
; TITLE OF INVENTION: High Expression of Industrial Enzymes
; FILE REFERENCE: 6125.200-US
; CURRENT APPLICATION NUMBER: US/09/803,454
; CURRENT FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn Version 3.1
SEQ ID NO 47
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer phy28r
US-09-803-454-47

Query Match   56.2%;   Score 11.8;   DB 9;   Length 40;
Best Local Similarity   86.7%;   Pred. No. 5.3e+03;
Matches   13;   Conservative   0;   Mismatches   2;   Indels   0;   Gaps   0;

Qy   1 GTGCTACTGATAGAG 15
          ||||||||| |||||
Db   27 GTGCTACTAACAGAG 13

; COUNTRY: U.S.A.
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/943,906
; FILING DATE: 30-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/550,374
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Bozicevic, Karl
; REGISTRATION NUMBER: 28,807
; REFERENCE/DOCKET NUMBER: 06510/059001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-854-5277
; TELEFAX: 415-854-0875
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 20:
US-09-943-906-20

Query Match   55.2%; Score 11.6; DB 10; Length 22;
Best Local Similarity   77.8%; Pred. No. 6.3e+03;
  Matches   14; Conservative   0; Mismatches   4; Indels   0; Gaps   0;

Qy   1 GTGCTACTGATAGAGTGT 18
              |||||| ||| | ||| ||
Db   3 .GTGCAACTGCTCGAGTCT 20

RESULT 14
US-09-358-082A-15/c
Sequence 15, Application US/09358082A
; Patent No. US20020167890A1
; GENERAL INFORMATION:
; APPLICANT: Antoniou, Michael
; APPLICANT: Crombie, Robert
; TITLE OF INVENTION: A Polynucleotide
; FILE REFERENCE: CAC00056
; CURRENT APPLICATION NUMBER: US/09/358,082A
; CURRENT FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: GB 9815879.3
; PRIOR FILING DATE: 1998-07-21
; PRIOR APPLICATION NUMBER: US 60/107688
; PRIOR FILING DATE: 1998-11-09
; PRIOR APPLICATION NUMBER: GB 9906712.6
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: US 60/127410
; PRIOR FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: GB 9909494.8
; PRIOR FILING DATE: 1999-04-23
; PRIOR APPLICATION NUMBER: US 60/134016
; PRIOR FILING DATE: 1999-05-12
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 15
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR primer
US-09-358-082A-15

Query Match   55.2%; Score 11.6; DB 10; Length 26;
Best Local Similarity   77.8%; Pred. No. 6.4e+03;
  Matches   14; Conservative   0; Mismatches   4; Indels   0; Gaps   0;

Qy   4 CTACTGATAGAGTGTACC 21
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Db   18 CTGCTGGCGAGAGGGTACC 1

RESULT 15
US-10-210-296-66/c
; Sequence 66, Application US/10210296
; Publication No. US20030021802A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Products Inc.
; TITLE OF INVENTION: LAWSONIA INTRACELLULARIS PROTEINS, AND RELATED
; TITLE OF INVENTION: METHODS
; TITLE OF INVENTION: AND MATERIALS
; FILE REFERENCE: PC10589A
; CURRENT APPLICATION NUMBER: US/10/210,296
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/689,065
; PRIOR FILING DATE: 2000-10-12
; NUMBER OF SEQ ID NOS: 102
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 66
; LENGTH: 34
; TYPE: DNA
; ORGANISM: Lawsonia intracellularis
US-10-210-296-66

Query Match   55.2%; Score 11.6; DB 9; Length 34;
Best Local Similarity   77.8%; Pred. No. 6.6e+03;
  Matches   14; Conservative   0; Mismatches   4; Indels   0; Gaps   0;

Qy   2 TGCTACTGATAGAGTGTA 19
              ||||||||| | |||||
Db   33 TTCTACTGTTACTGTGTA 16

Search completed: March 26, 2003, 23:43:21
Job time : 652.432 secs

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